

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	56	fukuda-yoshinobu.in. fukuda-yoshinobu-\$ in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L2	18	namba-hideaki.in. namba-hideaki-\$ in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L3	15	L2 not L1	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L4	71	L1 L3	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L5	18	("1524771" "1896025" "4548309" "4967893" "5779018" "5878857" "5904234").PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L6	165	rivet with (body with (step or stepped))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L7	667	((multiple\$disk or multi\$plate or multi \$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc) or (pressure adj plate) or (friction adj (plate or disk or disc)) with iron)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L8	32	L7 and iron	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L9	22	("4537296" "4549641").PN. OR ("4635780").URPN.	US-PGRUB; USPAT; USOCR	OR	OFF	2010/07/21 13:14
L10	1	GB-2133115-A	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L11	2	"5927459".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L12	1	GB-2300679-A	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L13	2	"5127499".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L14	201	L4 L5 L6 L8 L9 L10 L11 L12 L13	US-PGRUB; USPAT; USOCR	OR	OFF	2010/07/21 13:14
L15	144	192/55.61.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L16	144	L15 not L14	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14

L17	345	L14 L16	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L18	162	192/214.1.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L19	148	L18 not L17	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L20	493	L17 L19	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L21	146	192/89.24.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L22	141	L21 not L20	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L23	634	L20 L22	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L24	323	192/89.23.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L25	304	L24 not L23	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L26	938	L23 L25	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L27	540	192/70.17.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L28	448	L27 not L26	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L29	1386	L26 L28	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L30	500	192/70.2.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L31	470	L30 not L29	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L32	1856	L29 L31	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L33	701	192/70.27.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L34	472	L33 not L32	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L35	2328	L32 L34	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14

L36	4	(biasing adj member) with (wavy adj spring)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L37	100	(clutch) and (wavy adj spring)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L38	15	bias and L37	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L39	837	(clutch) and ((wavy or wave or waving) adj spring)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L40	321	bias and L39	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L41	6	((multiple\$disk or multi\$plate or multi\$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc) or (pressure adj plate) or (friction adj (plate or disk or disc))) and L40	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L42	9	((retaining or retainer or coupling or coupler) adj plate) and L40	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:14
L43	9	L42 not L41	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:14
L44	2359	L36 L38 L41 L43 L35	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:14
L45	96	okazaki-masaharu.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L46	2	L45 and multiple	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L47	2361	L44 L46	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L48	3691535	@pd> = "20090223"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L49	65	L47 and L48	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L50	2361	L47 L49	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L51	318411	clutch	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:14
L52	32052	friction adj2 (disk or disc or plate)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:14
L53	1896810	carbon	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:14

L54	509	L52 WITH L53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:14
L55	195	L51 and L54	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:14
L56	1502	192/70.14,70.17,70.19,70.2.ocls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L57	121	L53 and L56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L58	100	L57 not L55	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L59	295	L55 L58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L60	332	("1016427" "1131769" "1330965" "1344399" "1402129" "1423833" "1455587" "1460454" "1510123" "1526203" "1531341" "1549976" "1554394" "1573217" "1665999" "1717534" "1727142" "1746805" "1756428" "1756731" "1803077" "1803430" "1855937" "1896914" "1954190" "1963188" "1977368" "1982235" "2002943" "2016305" "2038016" "2158244" "2174316" "2190874" "2276416" "2286502" "2441140" "2910148" "2925897" "3010555" "3033326" "3075691" "3236347" "3261440" "3295572" "3300853" "3334716" "3410382" "3417844" "3441320" "3473637" "3519037" "3552533" "3557923" "3613851" "3620635" "3639197" "3640365" "3666062" "3692150" "3695407" "3724612" "3752268" "3759353" "3765514" "3791499" "3791500" "3793689" "3863747" "3887041" "3894621" "3902578" "3917043" "3926285" "3931876" "3932568" "3934686" "3970174" "3983974" "3994370" "3994378" "4020937" "4022310" "4026393" "4055236" "4095683" "4101015" "4108286" "4111291" "4117912" "4124318" "4132294" "4142619" "4159656" "4225025" "4236620" "4249642" "4254855" "4280598" "4286694" "4368810" "4383594" "4425994" "4430064" "4450943" "4456356" "4466524" "4485908" "4537295" "4553655" "4574449" "4575210" "4601377" "4605114" "4611701" "4615426" "4645041" "4651857" "4662239" "4676357" "4677836" "4678071" "4687087" "4696376" "4697685") .PN. OR ("4744448" "4779476" "4796045" "4809834" "4828091" "4846326"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/21 13:14

		"4883153" "4890132" "4911533" "4940124" "5123510" "5123511" "5127499" "5127504" "5127505" "5137131" "5181594" "5205388" "5284232" "5301779" "5305943" "5318390" "5320205" "5355984" "5383544" "5385224" "5404979" "5505286" "5509519" "5638932" "5743367" "5765674" "5779018" "5857546" "5960921" "Re19876").PN. OR ("2003/0024788" "2003/0213670" "2007/0119679" "4281881" "4790419" "4967893" "5007517" "5052781" "5123511" "5127499" "5127504" "5301779" "5415262" "5494143" "5743367" "5904234" "6021878" "6026944" "6070707" "6581259" "6736248").URIFN.				
L61	261	L60 not L59	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L62	26	L53 and L61	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L63	321	L59 L62	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L64	2616	L50 L63	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:14
L65	1040672	@pd> = "20100218"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:15
L66	27	64 and 65	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:15
L67	2616	64 66	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:17
L68	727979	clutch brake	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:17
L69	97224	"carbon-carbon" (carbon adj (carbon composite))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:18
L70	2391	68 and 69	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:18
L71	57991	flywheel "input rotor"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:19
L72	69517	(pressure pressing) adj plate	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:19
L73	2630521	iron steel ferrous	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:19

L74	114	73 same (71 and 72)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:20
L75	6	70 and 74	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:20
L76	56	("1632526" "20020014386" "20030164274" "2050426" "2163152" "2251366" "2341747" "2587141" "2639013" "3037860" "3181670" "3191734" "3552533" "3850277" "3986588" "4119179" "4202432" "4294343" "4615427" "4618049" "4727972" "4741424" "4830164" "5092440" "5099973" "5154683" "5167312" "5184704" "5407048" "5505286" "5551917" "5727665").PN. OR ("5033599" "6419062" "6793057").URPN.	US-PGRUB; USPAT; USOCR	OR	OFF	2010/07/21 13:30
L77	51	75 76	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:41
L78	18	74 and carbon	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:42
L79	11	78 not 77	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:43
L80	62	77 79	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 13:46
L125	1	"4846326".pn.	USPAT	OR	OFF	2010/07/21 13:55
L126	45	("1344399" "1554394" "1855937" "2016305" "3552533" "3759353" "3791499" "3932568" "4225025").PN. OR ("4846326").URPN.	US-PGRUB; USPAT; USOCR	OR	OFF	2010/07/21 13:57
L127	102	80 125 126	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 14:41
L133	2219	192/70.14, 107R, 107M.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 15:25
L134	351	133 and carbon	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 15:26
L135	85	133 and 69	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 15:26

L136	100	("0774927" "1344399" "1423833" "1460454" "1483641" "1510123" "1518115" "1531341" "1554394" "1717534" "1756428" "1756731" "1803077" "1855937" "1954190" "1963188" "1977368" "2002943" "2016305" "2910148" "2914158" "2935881" "3010555" "3033326" "3075691" "3261440" "3295572" "3410382" "3473637" "3519037" "3552533" "3557923" "3613851" "3639197" "3640365" "3666062" "3692150" "3695407" "3724612" "3759353" "3791499" "3887041" "3902578" "3917043" "3932568" "3934686" "3970174" "3983974" "4020937" "4055236" "4095683" "4111291" "4117912" "4142619" "4159656" "4225025" "4225026" "4249642" "4268694" "4383594" "4430064" "4466524" "4677836" "4696376" "4744448" "4779476").FN. OR ("RE36363").URPN.			US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/21 15:30
L137	6028	73 same (71 72)			US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 15:37
L138	47	70 and 137			US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 15:37
L139	232	127 135 136			US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 15:38
L140	39	138 not 139			US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 15:38
L141	271	139 140			US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 15:40
L142	2775	67 141			US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/07/21 16:33
S1	55	fukuda-yoshinobu.in. fukuda-yoshinobu- \$.in.			US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:19
S2	18	namba-hideaki.in. namba-hideaki-\$.in.			US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:37
S3	15	S2 not S1			US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:37
S5	70	S1 S3			US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:39
S7	18	("1524771" "1896025" "4548309" "4967893" "5779018" "5878857" "5904234").FN.			US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:41
S9	146	rivet with (body with (step or stepped))			US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 16:52

S18	613	((multiple\$disk or multi\$plate or multi\$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc) or (pressure adj plate) or (friction adj (plate or disk or disc)) with iron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 14:36
S19	30	S18 and iron	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 14:37
S22	22	("4537296" "4549641").PN. OR ("4635780").URFN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/22 15:58
S23	1	GB-2133115-A	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 16:27
S24	2	"5927459".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 17:09
S26	1	GB-2300679-A	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 18:33
S27	2	"5127499".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 18:38
S28	55	fukuda-yoshinobu.in. fukuda-yoshinobu-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S29	18	namba-hideaki.in. namba-hideaki-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S30	15	S29 not S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S31	70	S28 S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S32	18	("1524771" "1896025" "4548309" "4967893" "5779018" "5878857" "5904234").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S33	146	rivet with (body with (step or stepped))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S34	613	((multiple\$disk or multi\$plate or multi\$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc) or (pressure adj plate) or (friction adj (plate or disk or disc)) with iron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S35	30	S34 and iron	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S36	22	("4537296" "4549641").PN. OR ("4635780").URFN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/23 10:27
S37	1	GB-2133115-A	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S38	2	"5927459".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27

S39	1	GB-2300679-A	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S40	2	"5127499".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S41	191	S31 S32 S33 S35 S36 S37 S38 S39 S40	US-PGRUB; USPAT; USOCR	OR	OFF	2009/02/23 10:27
S43	135	192/55.61.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:28
S44	135	S43 not S41	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:28
S45	326	S41 S44	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:52
S46	159	192/214.1.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:53
S47	146	S46 not S45	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:53
S48	472	S45 S47	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:30
S49	145	192/89.24.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:31
S50	140	S49 not S48	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:31
S51	612	S48 S50	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:40
S52	320	192/89.23.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:41
S53	301	S52 not S51	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:41
S54	913	S51 S53	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:48
S55	515	192/70.17.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:48
S56	427	S55 not S54	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:48
S57	1340	S54 S56	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:02
S58	486	192/70.2.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:02

S59	456	S58 not S57	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:02
S60	1796	S57 S59	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:12
S61	699	192/70.27.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:12
S62	470	S61 not S60	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:12
S63	2266	S60 S62	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:35
S64	3	(biasing adj member) with (wavy adj spring)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:03
S65	96	(clutch) and (wavy adj spring)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:05
S66	15	bias and S65	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:05
S67	776	(clutch) and ((wavy or wave or waving) adj spring)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:13
S68	761	S67 not S66	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:14
S69	300	bias and S67	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:14
S70	5	((multiple\$disk or multi\$plate or multi\$disc or multi\$disk) adj clutch) and (((input adj (rotor or disk or disc)) or (pressure adj plate) or (friction adj (plate or disk or disc))) and S69	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:15
S71	8	((retaining or retainer or coupling or coupler) adj plate) and S69	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/23 15:16
S72	8	S71 not S70	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/23 15:17
S73	2294	S64 S66 S70 S72 S63	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/23 16:27
S78	95	okazaki-masaharu.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 20:03
S79	2	S78 and multiple	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 20:03
S80	56	fukuda-yoshinobu.in. fukuda-yoshinobu-\$ in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51

S81	18	namba-hideaki.in. namba-hideaki-\$.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S82	15	S81 not S80	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S83	71	S80 S82	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S84	18	("1524771" "1896025" "4548309" "4967893" "5779018" "5878857" "5904234").PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S85	158	rivet with (body with (step or stepped))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S86	654	((multiple\$disk or multi\$plate or multi \$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc) or (pressure adj plate) or (friction adj (plate or disk or disc)) with iron)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S87	32	S86 and iron	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S88	22	("4537296" "4549641").PN. OR ("4635780").URFN.	US-PGRUB; USPAT; USOCR	OR	OFF	2010/02/18 14:51
S89	1	GB-2133115-A	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S90	2	"5927459".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S91	1	GB-2300679-A	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S92	2	"5127499".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S93	197	S83 S84 S85 S87 S88 S89 S90 S91 S92	US-PGRUB; USPAT; USOCR	OR	OFF	2010/02/18 14:51
S94	139	192/55.61.cds.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S95	139	S94 not S93	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S96	336	S93 S95	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S97	161	192/214.1.cds.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S98	148	S97 not S96	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S99	484	S96 S98	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51

S100	146	192/89.24.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S101	141	S100 not S99	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S102	625	S99 S101	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S103	321	192/89.23.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S104	302	S103 not S102	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S105	927	S102 S104	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S106	530	192/70.17.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S107	441	S106 not S105	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S108	1368	S105 S107	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S109	498	192/70.2.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S110	468	S109 not S108	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S111	1836	S108 S110	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S112	700	192/70.27.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S113	471	S112 not S111	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S114	2307	S111 S113	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S115	4	(biasing adj member) with (wavy adj spring)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S116	100	(clutch) and (wavy adj spring)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S117	15	bias and S116	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S118	820	(clutch) and ((wavy or wave or waving) adj spring)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51

S119	312	bias and S118	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S120	6	((multiple\$disk or multi\$plate or multi \$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc)) or (pressure adj plate) or (friction adj (plate or disk or disc))) and S119	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S121	9	((retaining or retainer or coupling or coupler) adj plate) and S119	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:51
S122	9	S121 not S120	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:51
S123	2338	S115 S117 S120 S122 S114	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:51
S124	96	okazaki-masaharu.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S125	2	S124 and multiple	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S126	2340	S123 S125	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
S127	2542877	@pd> = "20090223"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:53
S128	44	S126 and S127	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:53
S129	2340	S126 S128	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:55
S130	310832	clutch	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:56
S131	112575	friction WITH (disk or disc or plate)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:56
S132	31297	friction adj2 (disk or disc or plate)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:56
S133	1834276	carbon	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:56
S134	495	S132 WITH S133	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:57
S135	194	S130 and S134	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:57
S136	1489	192/70.14,70.17,70.19,70.2.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 15:25

S137	120	S133 and S136	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 15:25
S138	99	S137 not S135	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 15:25
S139	293	S135 S138	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 15:33
S140	330	("1016427" "1131769" "1330965" "1344399" "1402129" "1423833" "1455587" "1460454" "1510123" "1526203" "1531341" "1549976" "1554394" "1573217" "1665999" "1717534" "1727142" "1746805" "1756428" "1756731" "1803077" "1803430" "1855937" "1896914" "1954190" "1963188" "1977368" "1982235" "2002943" "2016305" "2038016" "2158244" "2174316" "2190874" "2276416" "2286502" "2441140" "2910148" "2925897" "3010555" "3033326" "3075691" "3236347" "3261440" "3295572" "3300853" "3334716" "3410382" "3417844" "3441320" "3473637" "3519037" "3552533" "3557923" "3613851" "3620635" "3639197" "3640365" "3666062" "3692150" "3695407" "3724612" "3752268" "3759353" "3765514" "3791499" "3791500" "3793689" "3863747" "3887041" "3894621" "3902578" "3917043" "3926285" "3931876" "3932568" "3934686" "3970174" "3983974" "3994370" "3994378" "4020937" "4022310" "4026393" "4055236" "4095683" "4101015" "4108286" "4111291" "4117912" "4124318" "4132294" "4142619" "4159656" "4225025" "4236620" "4249642" "4254855" "4280598" "4286694" "4368810" "4383594" "4425994" "4430064" "4450943" "4456356" "4466524" "4485908" "4537295" "4553655" "4574449" "4575210" "4601377" "4605114" "4611701" "4615426" "4645041" "4651857" "4662239" "4676357" "4677836" "4678071" "4687087" "4696376" "4697685").PN. OR ("4744448" "4779476" "4796045" "4809834" "4828091" "4846326" "4883153" "4890132" "4911533" "4940124" "5123510" "5123511" "5127499" "5127504" "5127505" "5137131" "5181594" "5205388" "5284232" "5301779" "5305943" "5318390" "5320205" "5355984" "5383544" "5385224" "5404979" "5505286" "5509519" "5638932" "5743367" "5765674" "5779018" "5857546" "5960921" "Re19876").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2010/02/18 16:00

		OR ("2003/0024788" "2003/0213670" "2007/0119679" "4281881" "4790419" "4967893" "5007517" "5052781" "5123511" "5127499" "5127504" "5301779" "5415262" "5494143" "5743367" "5904234" "6021878" "6026944" "6070707" "6581259" "6736248").URPN.				
S141	259	S140 not S139	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 16:00
S142	26	S133 and S141	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 16:00
S143	319	S139 S142	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 16:02

7/21/10 4:40:37 PM

C:\Documents and Settings\RLorence\My Documents\EAST\workspaces\10583998.wsp